

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 146887

TO: Emily M Le

Location: 3c35/3c18

Art Unit: 1648

Thursday, March 10, 2005

Case Serial Number: 09/939537

From: Noble Jarrell

Location: Biotech-Chem Library

Rem 1B71

Phone: 272-2556

Noble.jarrell@uspto.gov

Search Notes	4.0		
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March 8, 2005, 06:29:55 ; Search time 3106 Seconds
   (without alignments)
   9411.899 Million cell updates/sec
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Length 881;

95.9%; Score 736.6; DB 5; 98.2%; Pred. No. 8.4e-169;

Query Match Best Local Similarity

ORIGIN

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/ Organism="Memon sapiens"

/ Mol_type="mRNA"

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/ Ab_Nost="byte" primary B-cells from tonsils (cell line)"

/ Lissue type="primary from tonsils f
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CDNA Library Preparation: Ling Hong/Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can I
found through the I.M.A.G.E. Consortium/LLNL at:
Plate: LLCM1686 row: k column: 02
High quality sequence stop: 848.
Location/Qualifiers
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90.0%; Score 691.2; DB 4;
Best Local Similarity 99.6%; Pred. No. 9.9e-158;
Matches 693; Conservative 0; Mismatches 3;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
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745; Conservative
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SOURCE
ORGANISM
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AUTHORS
TITLE
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COMMENT
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Lucaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El (Bases I to 897)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

National Institutes of Health, Mammalian Gene Collection (MGC)

Ontact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: Dr. Mark Watson

CDNA Library Preparation: Rubin Laboratory

CDNA Library Preparation: Rubin Laboratory

CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LINL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC Clone distribution information can be found through the I.M.A.G.E. Consortium/LINL at:

Locality sequence stop: 628.

High quality sequence stop: 628.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BOTO9144
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/lab_host="DH10B (phage-resistant)"
/clone lib="NIH MGC 113"
note="Organ: spleen; Vector: pOTB7; Site_1: XhoI, Site_2:
ECORI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor:
GGCACGAG(G). Library constructed by Ling Hong in the
                                                                                                                                          305 GAATGGCAAGGAGTACAAGTGCAAGGCTCTCCAACAAGCCCTCCCAGCCCCCATCGAGAA
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                                                           245 GCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCT
                                                                                                        GAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAA
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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AGENCOURT 8353514 NIH_MGC_113 Homo sapiens cDNA clone IMAGE:6279683
5', mRNA sequence.
604 GAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAA 663
                                        677
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Mark Watson
Tissue Procurement: Dr. Mark Watson
CDNA Library Preparation: Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2469 row: k column: 12
High quality sequence stop: 604.
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1 (bases 1 to 983)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished (1999)
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                                                                                    664 CCACTACACGCAGAGGCCTCTCCCTGTCTCCGGG 699
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Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Mark Watson
CDNA Library Preparation: Rubin Laboratory
CDNA Library Preparation: Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
Plate: LLCM2474 row: c column: 04
High quality sequence stop: 638.

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FEATURES

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National Institutes of Health, Mammalian Gene Collection (MGC)

TITLE JOURNAL COMMENT

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laboratory of Gerald M. Rubin (University of California Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC Library."
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 941)
NIH-MGC http://mgc.nci.nih.gov/.
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BQ712021.1 GI:21850920 EST.

LOCUS DEFINITION

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VERSION KEYWORDS

Homo sapiens (human) Homo sapiens

SOURCE ORGANISM

REFERENCE AUTHORS

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BQ709152
AGENCOURT 8485151 NIH_MGC_113 Homo sapiens cDNA clone IMAGE:6301245
S,', mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               In Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
Bmail: capabbe-romail.nih.gov
Tissue Procurement: Dr. Mark Watson
CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)
CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.B. Consortium/LLNL at:
http://imagellnl.gov
Plate: LLCM2516 row: m column: 22
High quality sequence stop: 739.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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National Institutes of Health, Mammalian Gene Collection (MGC)
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:6301245"
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                                                                                                                                                                                                                                                                                                 рпчи/ву7
603617582F1 NIH_MGC_113 Homo sapiens cDNA clone IMAGE:5450469 5',
mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NIH-WGC http://mgc.nci.nih.gov/.

NIH-WGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished (1999)

Contact: Robert Straubberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Mark Watson

Contact: Robert Strauberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Mark Watson

CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)

DNA Sequencing by: Incyte Genomics, Inc.

Clone distribution: MGC clone distribution information can be found through the I.M.G.B. Consortium/LLNL at:

http://image.llnl.gov

Plate: LLCM1939 row: d column: 22

High quality sequence stop: 833.
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GCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAA 630
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1. (bages 1 to 843)
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.larity 99.4%; Pred. No. 2.4e-157;
Conservative 0; Mismatches 4; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:5450469"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_113"
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                                                                                                                                                                          691 CCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGG 726
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Direct Submission

Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :

By 191 GENTY cedex - FRANCE (E-mail : segref@genoscope.cns.fr

By 191 Strond Cons.fr)

Ist strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned was normalized. Library was constructed by Life Technologies, a division of Invitrogen.

Location/Qualifiers

1. 1022
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                                                            Contact : Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
                                                                                                                                                                                                                                                                                                                                                                                                                       AGCAGAGCCCAAATCTTGTGACAAAACTCACATGCCCACCGTGCCCAGCACCTGAACT
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                        Li,W.B., Gruber,C., Jessee,J. and Polayes,D. Full-length cDNA libraries and normalization
                                                                                                                                                                                                                                                                                                                                                           Score 689.6; DB 3;
Pred. No. 2.5e-157;
0; Mismatches 4;
                                                                                                                                                                                                                                                                     /mol_type="mRNA"

db xref="taxon:9606"

/dlone="csObBOOY217"

/tissue type="placenta"

/plasmid="pcMvSpORT_6"
                                                                                                                                                                                                                                                                                                                                                      Query Match 89.8%;
Best Local Similarity 99.4%;
Matches 692; Conservative
               1 to 1022)
                                                                                                (bases 1 to 1022)
                                                                                      Faraday Avenue
                                                Unpublished
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 2.5e-157;
0; Mismatches 4;
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ilarity 99.4%;
Conservative 0
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Li, W. B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
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CAGCGACATCGCCGTGGAGTGGGAGTGCGATGGGCAGCCGGAGACAACTACAAGACCAC
                                                              AACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCATC
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http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="CSODIO71XG21"
/tissue_type="Placenta Cot 25-normalized"
/plasmid="pCMVSPORT_6"
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Homo sapiens (human)
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                                                                                                                                                                           1048 bp mRNA linear HTC 21-JUL-2004 full-length cDNA clone CSODI040YA16 of Placenta Cot 25-normalized CR595172
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                      GAGCAGGTGGCAGCAGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAA 963
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1 (bases 1 to 1048)
Li, W.B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
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/clone="CSODIO40YA16"
/tissue type="Placenta Cot 25-normalized"
/plasmid="pCMVSPORT_6"
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Location/Qualifiers
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Pred. No. 2.5e-157;
0; Mismatches 4;
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Acrganisma-"Homo sapiens"
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/db_xref="taxon:9606"
/clone="cS0D1009xJ10"
/tissue_type="Placera Cot
/plasmid="pcNvSpORT_6"
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Best Local Similarity 99.4%;
Matches 692; Conservative (
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Direct Submission
Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
- Web : www.genoscope.cns.fr)
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http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue
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Web : www.genoscope.cns.fr)

1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.
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Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
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http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue
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mol_type="mRNA"
db_xref="taxon:9606"
clone="CSOCAPOO!YII3"
/tissue_type="Thymus"
/plasmid="pcMVSPORT_6"
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Homo sapiens (human)
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                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo. Li (bases 1 to 1093)
Li M.B., Gruber,C., Jessee,J. and Polayes,D.
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                                                                                                                                                                                                                     Contact : Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                89.8%; Score 689.6; DB 3; Length 1093; 99.4%; Pred. No. 2.5e-157; ive 0; Mismatches 4; Indels 0;
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// Organism=Homo sapiens"
// Organism=Homo sapiens"
// Organism=Tops="mxNA"
// Ordor="CSOD1048xC07"
// Lissue type="Placenta Cot 25-normalized"
// plasmid="pCMVSPORT_6"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
                      GI:50497611
                    CR616804.1 GI:504970
HTC; CNSLT CDNA.
Homo sapiens (human)
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Matches 692; Conservative
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Li, W.B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
                                                                                                                                                                                                                                                                                                                   184 GTTCAACTGGTACGTGGACGGCGTGGAGGTGCCAAAAGGAAAAGCGGGGGAAGA
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full-length cDNA clone CS0CAP008YF07 of Thymus of Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact : Feng Liang Email : fliang@lifetech.com URL : http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
                                                                                                                             ·,
                                                                                       Length 1100;
                                                                                                                         Indels
                                                                             Score 689.6; DB 3;
Pred. No. 2.5e-157;
0; Mismatches 4;
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CR601777.1 GI:50482584
HTC; CNSLT cDNA.
HOMC BADIENB (human)
HOMC SADIENB
                                                               Query Match
Best Local Similarity 99.4
Matches 692; Conservative
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484 GTTCAACTGGTACGTGGACGGGGGGGGGATAATGCCAAGACAAAGCCGCGGGAGGA 543
                                                             full-length cDNA clone CSOD1081YF02 of Placenta Cot 21-UUL-2004 of Homo sapiens (human).

CR612813
CR612813.1 GI:50493620
HTC; CNSIT_CDNA.
Homo sapiens (human)
Subarrore.
                                   244 GCAGTACAACAGCAGGTAGGGGGTGGTCGTCGTCGTGGTGGTGGAGGAGGAGGTGGT 303
                                                                                                             GAATGGCAAGGAGTACAAGTGCAAAGGTCTCCAACAAAGCCCTTCCCAGGCCCCCATGGAGAA 363
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Direct Submission
Submitted (20-071-2004) Genoscope - Centre National de Sequencage :
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
191 strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and Ecov V sites of the pcMVSPORT 6 vector. Library was normalized Library was constructed by Life Technologies, a division of Invitrogen.
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Li, W.B., Gruber, C., Jessee, J. and Polayes, D.
Full-length CDNA libraries and normalization
                                                                                                                                       AACCATCTCCAAAAGCCAAAAGGCAGCCCCGAAACCACAGGTGTAAAACCAAGCCATC
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Feng Liang Email: fliangelifetech.com URL: http://fulllength.invitrogen.com/ InVitroden Corporation 1600 Faraday Avenue 1000
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="CSODIO81YF02"
/tissue_type="Placenta Cot 25-normalized"
/plasmid="pCMVSPORT_6"
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Genoscope.

Direct Submission

Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :
Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :
BP 191 91006 EVRY cedex - FRANCE (B-mail : seqref@genoscope.cns.fr - Web : www.genoscope.cns.fr and septemble of the strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.

Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gape
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                                                                                                                                                                                                                                                                                                                                                                                                                             89.8%; Score 689.6; DB 3; Length 1102; 99.4%; Pred. No. 2.5e-157; tive 0; Mismatches 4; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CCACTACACACAGAAGAGCCTCTCCCTGTCTCCGGG 995
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                                                                                                                                                                                                                                                1. .1102
/organism="Homo sapiens"
/mol_type="mans"
/db_xref="texon:9606"
/clone="CSOCAP008YP7"
/tissue_type="Thymus"
/plasmid="pcMVSPORT_6"
                  (bases 1 to 1102)
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 99.4
Matches 692; Conservative
Faraday Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                    Genoscope.
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